17:00 - 20:00  GRAND AMPHITHEÂTRE

OPENING CEREMONY
Master of Ceremony: Prof. Damien Gruson

17:00  Organisers’ Welcome

Dr. Bernard Gouget
Chair, Congress Organising Committee
Euromedlab Paris 2015 Co-President

Prof. Maurizio Ferrari
IFCC President

Prof. Mauro Panteghini
EFLM President

Prof. Joëlle Goudable
SFBC President
Euromedlab Paris 2015 Co-President

Dr. François Blanchecotte
SDB President

18:00  Opening Remarks

Prof. Philippe Gillery
Chair, Scientific Programme Committee
Euromedlab Paris 2015 Co-President

Opening Lecture
Prof. Jules Hoffmann - Nobel Prize for Medicine

Innate immunity: from flies to humans

Don Quixote, acte III (Léon Minkus)
Puccini (Giacomo Puccini)
In the Middle, Somewhat elevated (Thom Willems)
Peaceful Stars, Man’s Dance (Jacques Diennet)
For me, Formidable (Charles Aznavour)
Boléro (Maurice Ravel)

After the Opening Ceremony, delegates are kindly invited to take part in the Welcome Reception at Hyatt Hotel
Jules Hoffmann is Professor at the University of Strasbourg and senior researcher at CNRS. He dedicated his work to the study of the genetic and molecular mechanisms responsible for innate immunity in insects. The work of Hoffman and associates has provided new insights into the defense mechanisms that organisms, from the most primitive up to humans, employ against infectious agents. By demonstrating the marked conservation of innate defense mechanisms between insects and humans, the work initiated by Hoffmann and his collaborators has led to a re-evaluation of the role of innate immunity in mammals. More generally, the Drosophila model has enabled biologists throughout the world to make considerable progress, not only in developmental genetics and innate immunity but also in the study of certain human pathologies and in the understanding of memory, behavior, sleep and nutrition phenomena. With Bruce A. Beutler and Ralph M. Steinman, Hoffmann was awarded the Nobel Prize for Medicine in 2011.

Hoffmann set up and headed the CNRS laboratory “Endocrinology and Immunology of Insects” within the CNRS Institut de Biologie Moléculaire et Cellulaire in Strasbourg, which he also directed from 1994 to 2006 and where he still works with his collaborators. He was President of the French Académie des Sciences in 2007 and 2008, and is a member of the Academy of Sciences of the United States of America, Germany and Russia. He has been awarded numerous prestigious prizes, such as, in recent years, the Rosenstiel Award (with Ruslan Medzhitov) for his work on immunity (2010), the Keio Medical Science Prize (with Shizuo Akira) (2011), the 2011 Gairdner Award for medical research (with Shizuo Akira) and the 2011 Shaw Prize in Life Science and Medicine (with Bruce Beutler and Ruslan Medzhitov). He also received the CNRS Gold Medal. Hoffmann is Officier de la Légion d'Honneur in France and is an Immortel at the Académie Française (2012).
ASSESSING CARDIOVASCULAR RISK: BEYOND LDL CHOLESTEROL AND APO B
Chairs: A. Remaley (USA), G. Sypniewska (Poland)

09:00 Lipoprotein(a) as a cardiovascular risk factor
B. Nordestgaard (Denmark)

09:30 Performance of non-HDL-cholesterol versus apolipoprotein B in cardiovascular risk assessment
M. Krintus (Poland)

10:00 Assessment of cardiovascular risk and phenotypic classification of lipoprotein profiles by Nuclear Magnetic Resonance
A. Remaley (USA)

10:30 Two to three day biologic variation and concentration variations during hemodialysis of high sensitive Troponin T and Troponin I in patients with chronic kidney disease
Ø. Skadberg (Norway)

10:45 Identification of peri-procedural myocardial infarction in patients undergoing transcatheter aortic valve implantation by using a high-sensitivity troponin I assay
C. Liebetrau (Germany)

EXOSOMES AND OTHER EXTRACELLULAR VESICLES AS DISEASE BIOMARKERS
Chairs: J. Lötvall (Sweden), D. Ozolins (Latvia)

09:00 Exosomes and other extracellular vesicles in cell-to-cell communication in health and disease
J. Lötvall (Sweden)

9:30 Extracellular vesicles (EVs): functional insights and diagnostic potential
R.J. Simpson (Australia)

10:00 Exosomes as a novel liquid biopsy tool, with a special focus on their RNA cargo
T. Ochiya (Japan)

10:30 Analysis of miRNA cargo in plasma microvesicles in human plasma
E. Ł. Stępień (Poland)
9:00-11:00

**ENGAGING PATIENTS WITH LABORATORY MEDICINE**

Chairs: *D.B. Freedman (United Kingdom), C. Grigore (Romania)*

- **09:00** Lab Tests Online – time for patients and carers to see their lab results - UK experience in Primary Care
  - *A. Hannan (United Kingdom)*
- **09:30** Reporting laboratory results directly to the patients
  - *W. Oosterhuis (Netherlands)*
- **10:00** The Voice of the Patient
  - *E. Low (United Kingdom)*
- **10:30** Are patients well informed about the influence of OTC drugs, food supplements and preanalytical factors on laboratory tests results?
  - *P. Filipi (Croatia)*

9:00-11:00

**QUANTITATIVE ANALYSIS OF PEPTIDES AND PROTEINS IN CLINICAL CHEMISTRY BY TARGETED MASS SPECTROMETRY**

Chairs: *H. Jansen (The Netherlands), S. Lehmann (France)*

- **09:00** Journey toward application: multiplex MRM assays, kits, and high throughput applications
  - *C. Borchers (Canada)*
- **09:30** Targeting proteomics for isoforms detection of clinical biomarkers
  - *J. Biarc (France)*
- **10:00** Mass spectrometry proteomics for medical laboratory: what could be the future?
  - *P. Lescuyer (Switzerland)*
- **10:30** Towards a reference method for absolute quantification of hepcidin-25 in serum by mass spectrometry
  - *P. Bros (France)*
- **10:45** Switching from RIA to LC-MS/MS for plasma and urinary Aldosterone
  - *C. Le Goff (Belgium)*
9:00-11:00

**ROOM 241**

*European Federation of Clinical Chemistry and Laboratory Medicine (EFLM)*

**ADDING VALUE TO LABORATORY TESTS**

Chair: *E. Ajzner (Hungary)*

- **09:00** Facilitating clinical decision making: Adding value to laboratory medicine data
  *E. Ajzner (Hungary)*

- **09:30** Likelihood ratios to improve clinical decision making
  *P. Vermeersch (Belgium)*

- **10:00** What do patients want?
  *I. Watson (United Kingdom)*

- **10:30** Personalized Laboratory Medicine: Results of an European Survey conducted by the EFLM/ESPT WG-PLM
  *M. Pazzagli (Italy)*
Andrew Hattersley qualified from Oxford in 1984. He trained in Diabetes at the Hammersmith Hospital, Oxford and Birmingham before taking up his present post as a consultant diabetologist in Exeter in 1995. His principal area of research is the molecular genetics of diabetes with a particular emphasis on monogenic diabetes. He has taken Exeter from a centre without a genetics laboratory to being a leading international centre for both monogenic diabetes and Type 2 diabetes. He is the Professor of Molecular Medicine at the Peninsula Medical School.

Exeter has the largest international collections of both maturity-onset diabetes of the young and neonatal diabetes. Their work has been from “bench to bedside” identifying novel genes, characterizing the associated clinical syndromes, defining the pathophysiology and developing the best clinical care.
PARALLEL SESSIONS

12:30-14:15  ROOM 241

CLINICAL CHEMISTRY WORKSHOP ON PUBLICATIONS ETHICS AND SCIENTIFIC WRITING

Publication ethics  
*N. Rifai* (USA)  
Guide to scientific writing  
*T. Annesley* (USA)

12:30-14:15  ROOM 242

German Society for Clinical Chemistry and Laboratory Medicine (DGKL)  
CURRENT STATUS OF THE INTERNAL AND EXTERNAL QUALITY CONTROL IN LABORATORY MEDICINE EXEMPLIFIED BY DIABETES MELLITUS  
Chairs: *B. Isermann, M. Neumaier* (Germany)

12:30  Inherited monogenic diabetes-lessons learned in diagnostics and a paradigm change in patient management  
*K. Colclough* (United Kingdom)

12:55  Good or bad sequencing data? Setting a benchmark for the quality of diagnostic NGS in the laboratory  
*S. Patton* (United Kingdom)

13:20  Point of care testing, a challenge for quality control. Are different reference methods necessary for glucose wet tests and POCT?  
*G. Schumann* (Germany)

13:45  External quality assessment of biomolecular quality in clinical specimen and biobanking  
*M. Neumaier* (Germany)

14:10  Closing remarks
12:30-14:00  ROOM 252

Syndicat National des Biologistes des Hôpitaux (SNBH)

ORGANISATION TERRITORIALE DE LA BIOLOGIE MÉDICALE HOSPITALIÈRE EN FRANCE
[TERRITORIAL ORGANIZATION OF THE FRENCH HOSPITAL MEDICAL LABORATORIES]
Chair: C. Poupon (France)

12:30 Offre de soins et réorganisations territoriales de la biologie médicale
[Coordinating the supply of health care in the field of medical labs at the regional level]
C. Grasmick (France)

13:00 Qui sont les biologistes de demain?
[Who are the specialists in Lab Medicine tomorrow?]
R. Berenger, G. Tachon, E. Duroyon (France)

13:30 Accréditation des LBM en France; entre défis et stimulation
[Accreditation of the medical labs in France: critical issues and a challenging experience]
M.-H. Tournoys (France)

Language of the symposium: French
No simultaneous translation will be provided

15:00-17:00  BLUE AMPHITHEATRE

International Federation of Clinical Chemistry and Laboratory Medicine (IFCC)

IMPROVING PATIENT OUTCOMES THROUGH ASSAY STANDARDIZATION
Chair: I. Young (United Kingdom)

15:00 Reducing variability between Troponin I assays and its potential impact on clinical care
D. Bunk (USA)

15:30 Improved Haemoglobin A2 measurement and its impact on the diagnosis of thalassemia
A. Mosca (Italy)

16:00 Serum parathyroid hormone - pre-analytical and analytical factors and their impact on measurement
C. Sturgeon (United Kingdom)

16:30 CSF-proteins - clinical utility and potential benefits from standardization
K. Blennow (Sweden)
In order to encourage discussion, a number of posters have been selected for the Poster Walk Discussion. The author of selected posters is kindly requested to be by the poster panel from 13:30 to 14:30 to present the poster to the coordinator and the audience, within a time limit of max 3 min. The chair will guide the walk and the discussion. All delegates wishing to attend poster walks must be at the first poster panel (see poster panel code) at 13:30.

**Poster Area Level 1**
Chair: *V. Annaix (France)*

**M244**
EPIGENETIC REGULATION OF SECRETED PHOSPHOLIPASE A2 OF GROUP V EXPRESSION IN CANCER CELL LINES

**M252**
MOLECULAR DISTRIBUTION OF ONCOGENIC KIT AND PDGFRA MUTATION IN GASTROINTESTINAL STROMAL TUMORS

**M256**
CRIPTO -1: A NOVEL TUMOR MARKER FOR ORAL SQUAMOUS CELL CARCINOMA (OSCC)

**M257**
DYNAMICS OF SERUM CA 125, HE 4, VEGF AND ROMA INDEX DURING OVARIAN CANCER COMPLEX THERAPY

**M260**
PROTEIN INDUCED BY VITAMIN K ABSENCE OR ANTAGONIST-II (PIVKA-II) SPECIFICALLY INCREASED IN HEPATOCELLULAR CARCINOMA PATIENTS

**M336**
IMPACT OF GENDER SPECIFIC CUT-OFFS FOR TROPONIN I ON CLINICAL MANAGEMENT

**M340**
GALECTIN 3 AS MARKER OF INTERSTITIAL ATRIAL REMODELING

**M342**
A METHOD FOR SI TRACEABLE QUANTIFICATION OF THE CARDIAC MARKER 1-32 BRAIN NATRIURETIC PEPTIDE IN PLASMA

**M427**
MOLECULAR CHARACTERIZATION OF NEW ANTITHROMBIN MUTATIONS

**M430**
POINT OF CARE (POCT) IN THE MANAGEMENT OF METABOLIC DISORDERS. NEAR PATIENT LIPID TESTING
Poster Area Level 2
Chair: B. Baudin (France)

M048
CAN CATHEPSIN-D AND GALECTIN-3 BE NEW INFLAMMATION BIOMARKERS IN DETECTION OF LYSOSOMAL STORAGE DISEASES?

M052
FECAL M2PK BIOMARKER IN SCREENING AND FOLLOW-UP OF COLORECTAL CANCER IN A POPULATION UNDERGOING COLONOSCOPY

M055
IDENTIFICATION OF AUTOANTIBODY MARKERS IN MENINGIOMAS USING HUMAN PROTEOME ARRAYS

M061
PROTEOMIC VALIDATION OF PROSTATE CANCER BIOMARKERS AND INFLAMMATION

M063
SERUM LEVELS OF MIR-20A AND MIR-27A ARE ASSOCIATED WITH NAFLD IN A GENERAL JAPANESE POPULATION: THE YAKUMO STUDY

M107
EVALUATION OF MATRIX EFFECT IN IMMUNOSUPPRESSIVE DRUGS DETERMINATION USING THE LC/MS/MS

M109
DEVELOPMENT OF AN ASSAY OF ELEVEN BIOCHEMICAL ITEMS USING A SMALL AMOUNT OF BLOOD COLLECTED FROM THE FINGERTIP AT HOME

M118
ASSESSMENT OF LC-MRM MASS SPECTROMETRY AND SEMI-AUTOMATIC ISOFOCUSING APPROACHES FOR THE DETERMINATION OF APOLIPOPROTEIN E PHENOTYPING IN HUMAN SERA

M184
ELEVATED PLASMA LEVEL OF PENTraxin-3 (PTX3) IN PEDIATRIC PATIENTS WITH CELIAC DISEASE (CD)

M186
SPECIFIC ACTIVITY OF MOLECULAR COMPONENTS IN ALLERGY: IMPLICATIONS FOR CLINICAL OUTCOME STRATEGIES
14:30-15:30 | ROOM MAILLOT
Educational Workshop 2 in cooperation with Siemens

IMPROVING DIAGNOSTIC TESTING AND INTERPRETATION OF CHRONIC KIDNEY DISEASE (CKD)
Chair: P.E.C. Sibley (United Kingdom)

- Case studies in using CKD diagnostic tools effectively
  S. Sprague (USA)
- Improvements in CKD diagnostic tools
  J.-C. Souberbielle (France)

14:30-15:30 | ROOM 252
Educational Workshop 5 in cooperation with Roche

MANAGEMENT OF LUNG CANCER PATIENTS BY INNOVATIVE LABORATORY TESTING THROUGHOUT THE CLINICAL CONTINUUM
Chair: R. Marrades (Spain)

- Presenting a patient case of a lung cancer patient
  R. Marrades (Spain)
- Serum biomarkers in lung cancer
  R. Molina (Spain)
- Molecular pathology of lung cancer
  F. López-Ríos (Spain)
- Clinical management of metastatic NSCLC
  N. Reguart (Spain)
- Panel discussion and Q&A

14:30-15:30 | ROOM 242
Educational Workshop 8 in cooperation with Sysmex

MALIGNANCY AND INFECTION MANAGEMENT – NEW SCREENING AND DIAGNOSTIC PROSPECTS

- The value of the White Precursor Cell channel in a specialist paediatric hospital
  S. Machin (United Kingdom)
- Differentiation between common tropical infectious diseases – first results from a study in Indonesia
  A. van der Ven (The Netherlands)
EDUCATIONAL WORKSHOPS

14:30-15:30 | ROOM 241
Educational Workshop 11 in cooperation with Beckman Coulter

AMH: PREDICTING FERTILITY AND CANCER
Chair: R. Fanchin (France)

• AMH – the most important reproductive hormone: clinics and perspectives
  C. Gnoth (Germany)
• AMH and Cancer
  R. Anderson (Scotland)

14:30-15:30 | ROOM 251
Educational Workshop 40 in cooperation with Randox

GENETIC DIAGNOSIS OF FAMILIAL HYPERCHOLESTEROLAEMIA IN THE UK AND IRELAND
Chair: M. M. Corsi Romanelli (Italy)

Speaker: C. A. Graham (Northern Ireland)

15:45-16:45 | ROOM MAILLOT
Educational Workshop 3 in cooperation with Siemens

RESIDUAL RENAL FUNCTION: TOWARDS UNDERSTANDING ITS IMPORTANCE AND SIMPLIFYING ITS ASSESSMENT - THE POTENTIAL ROLE OF BETA-TRACE PROTEIN
Chair: J.-P. Cristol (France)

• Beta-trace protein: a marker of residual renal function in dialysis patients
  R. Woitas (Germany)
• Beta-trace protein for estimation of endogenous kidney function in dialysis patients without urine collection
  T. Shafi (USA)
EDUCATIONAL WORKSHOPS

15:45-16:45 | ROOM 252
Educational Workshop 6 in cooperation with A. Menarini Diagnostics

ADVANTAGES OF PHASE-CONTRAST MICROSCOPY FOR URINARY SEDIMENT EXAMINATION
Chair: G. B. Fogazzi (Italy)

- Phase contrast microscopy for urinary sediment examination: why?
  G. B. Fogazzi (Italy)
- The first ever instrument for automated urinary sediment examination equipped with phase contrat microscopy
  G. Bayer (Hungary)
- Urinary sediment examination with automated phase contrast microscopy: preliminary results
  R. Falbo (Italy)

15:45-16:45 | ROOM 242
Educational Workshop 9 in cooperation with Beckman Coulter

INNOVATION AND ITS PLACE IN IMPROVING WORKFLOW IN HEMATOLOGY
Chair: F. Lacombe (France)

- Improving hematology laboratory workflow through advanced technology and automation
  M. A. Fernandez (Spain)
- Analytical and workflow improvements in hematology laboratory with HematoFlow: Flagging system and automatic validation
  K. Allou (France)

15:45-16:45 | ROOM 241
Educational Workshop 12 in cooperation with Bio-Rad

A NEW APPROACH TO DETERMINATION OF QC FREQUENCY
Chair: G. Lefevre (France)

- Practical approaches to risk-based QC in the core laboratory
  N. A. Baumann (USA)
- A software solution for QC frequency
  C. A. Parvin (USA)
15:45-16:45 | ROOM 251
Educational Workshop 41 in cooperation with Siemens

CURRENT TRENDS IN THE ASSESSMENT AND MANAGEMENT OF GRAVES’ DISEASE
Chair: L. Samson (France)

- Managing Graves’ disease patients properly: an endocrinologist’s perspective
  J.-L. Wemeau (France)
- Effective utilization of current diagnostic tests for Graves’ disease assessment
  D. Gruson (Belgium)

17:00-18:00 | BLUE AMPHITHEATRE
Educational Workshop 1 in cooperation with Becton Dickinson

PREANALYTICAL VARIABLES IN POINT OF CARE TESTING
Chair: A. K. Stankovic (Serbia)

- Overview of the impact of preanalytical variables on point of care testing
  A. K. Stankovic (Serbia)
- Point of care testing for blood gases
  A.-M. Simundic (Croatia)

17:00-18:00 | ROOM MAILLOT
Educational Workshop 4 in cooperation with The Binding Site

CLINICAL AND LABORATORY PERSPECTIVES ON THE ROLE OF HEAVY/LIGHT CHAIN ASSAYS IN MULTIPLE MYELOMA
Chair: M. Michallet (France)

- Clinical implication of heavy/light chain measurement
  X. Leleu (France)
- The role of heavy/light chain assays in the laboratory evaluation of Multiple Myeloma
  J. Katzmann (USA)
17:00-18:00 | ROOM 252
Educational Workshop 7 in cooperation with Abbott

TRANSFORMING CLINICAL PRACTICE WITH hsTNI
Chair: T. Ravalico (USA)

- Transforming women's heart health; improved diagnostic accuracy with gender-specific cut-offs
  N. Mills (United Kingdom)
- Transforming faster clinical pathways; state of the art clinical algorithms driving faster clinical decisions
  K. Willmer (United Kingdom)
- Transforming traditional risk models using hsTnI; healthy patient screening
  S. Blankenberg (Germany)

17:00-18:00 | ROOM 242
Educational Workshop 10 in cooperation with Beckman Coulter

WORKFLOW TRANSFORMED: A NEW FULLY AUTOMATED SYSTEM FOR MOLECULAR DIAGNOSTICS
Chair: J. Izopet (France)

- Workflow study approach
  A. William (USA)
- An EU Laboratory perspective: Spain
  J. Vila (Spain)
- An EU Laboratory perspective: UK
  D. Whittaker (United Kingdom)
- An EU Laboratory perspective: France
  H. Fleury (France)

17:00-18:00 | ROOM 241
Educational Workshop 13 in cooperation with Sebia

“SEPARATING... IS BELIEVING”: ADDED VALUE OF CAPILLARY ELECTROPHORESIS APPLIED TO ROUTINE TESTING
Chair: A. Gruson (France)

- “Separating” is believing
  B. Gulbis (Belgium)
- HbA1c and Capillary electrophoresis: stronger, faster, better
  M. Praus (Germany)
THE NEXT GENERATION HANDHELD POINT-OF-CARE PLATFORM IN THE EMERGENCY DEPARTMENT

Chairs: P. Collinson (United Kingdom)

- Benefits of Point-of-Care testing in the Emergency Department
  C. P. Price (United Kingdom)
- Preliminary usability data of the next generation cTnl handheld Point-of Care test: experience from Lab2Go
  P. Collinson (United Kingdom)
- Analytical performance of the cTnl handheld Point-of Care test
  V. Scharnhorst (Netherlands)
**DIAGNOSTIC ERRORS: A CHALLENGE FOR LABORATORY MEDICINE**
Chairs: L. Khorovskaya (Russia), M. Plebani (Italy)

- **09:00** Diagnostic errors and harm from laboratory-related errors
  *M. Graber (USA)*
- **09:30** Pre-analytical errors and patient outcomes
  *A.M. Simundic (Croatia)*
- **10:00** Quality indicators as a tool to reduce the risk of diagnostic errors
  *M. Plebani (Italy)*
- **10:30** Glycolysis inhibition and reliable plasma glucose results: is the clinical impact carefully considered?
  *S. Pasqualetti (Italy)*
- **10:45** Stability of biochemical analytes in whole blood and plasma during 6 hours storage
  *D. Monneret (France)*

**NEW BIOMARKERS OF VASCULAR DAMAGE**
Chairs: D. Rizos (Greece), T. Zima (Czech Republic)

- **09:00** Posttranslational modifications derived products (PTMDPs) in vascular diseases
  *S. Jaisson (France)*
- **09:30** TPAPP-A- pregnancy-associated plasma protein A as marker of cardiovascular risk in chronic kidney disease
  *M. Kalousová, T. Zima (Czech Republic)*
- **10:00** Hormonal axis (aldosterone, thyroid function and testosterone) and vascular changes in patients with kidney disease
  *C. Wanner (Germany)*
- **10:30** Fibroblast growth factor 23 and soluble Klotho in chronic systolic heart failure
  *P. Jarolim (USA)*
- **10:45** Does novel cardiac biomarker can predict cardiac-related complication after open heart surgery in patients with low ejection fraction?
  *V. Shumavets (Belarus)*
9:00-11:00 | ROOM 252

**METABOLOMICS PERSPECTIVES IN DIAGNOSIS**
*Chairs: U. Ceglarek (Germany), K. Pulkki (Finland)*

09:00 Analytical pitfalls and possible solutions for metabolomics based diagnosis  
*M. Giera (Netherlands)*

09:30 Serum amino acid profiles and their alterations in colorectal cancer  
*A. Leichtle (Switzerland)*

10:00 On the genetic regulation of metabolism and possible consequences for diseases  
*M. Scholz (Germany)*

10:30 Proteome analysis and histomorphometric investigation of human arterial tissue reveal vascular collagen alterations among active smokers  
*A-S. A. Faarvang (Denmark)*

10:45 1H NMR-based lipidomic analysis of red blood cell membranes for the identification of biomarkers of Ischemic Heart Disease  
*I. Kastani (Greece)*

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9:00-11:00 | ROOM 251

**MICROBIOME**
*Chairs: R. Burcelin (France), M. Hersberger (Switzerland)*

09:00 Gut microbiota and human cardiometabolic health  
*K. Clément (France)*

09:30 Tissue microbiota: the new paradigm of metabolic diseases  
*R. Burcelin (France)*

10:00 The gut microbiome: A “neuroendocrine” related organ connected to host physiology in mammals  
*S. Pettersson (Sweden)*
9:00-11:00  
**ROOM 241**

*International Federation of Clinical Chemistry and Laboratory Medicine (IFCC)*

**THE IFCC eACADEMY**

Chair: *J. Smith (United Kingdom)*

- 09:00 The IFCC eAcademy Project
  *P. Vervaart (Australia)*
- 09:30 Development of the IFCC Curriculum
  *J. Smith (United Kingdom)*
- 10:00 Development of Online Content: Experiences with MOOC (Massive Online Open Courses)
  *E. Freggiaro (Argentina)*
- 10:30 Development of online content: the mass spectrometry module
  *R. Greaves (Australia)*

9:30-12:00  
**ROOM 242**

*Syndicat des Biologistes (SDB)*

**PRÉ-ANALYTIQUE ET INFORMATIQUE**

[IT SOLUTIONS IN THE PRE-ANALYTICAL PHASE]

Chairs: *F. Blanchecotte, H.-P. Doermann (France)*

- 09:30 Introduction
- 09:45 Revue de la littérature internationale des recommandations pré-analytiques appliquées à la biochimie, la coagulation et la microbiologie
  *[Review of international literature and pre-analytical recommendations applied to biochemistry, coagulation and microbiology]*
  *L. Dubos, E. Lalaurie, C. Maier (France)*
- 10:45 Les applications mobiles pour l’amélioration de la qualité pré-analytique en dehors du LBM
  *[Mobile applications for pre-analytical quality improvement outside the Laboratory]*
  *S. Payeur (France)*
- 11:15 Le projet du dossier biologique
  *[The biological personal record project]*
  *J.-L. Pons (France)*
- 11:45 Questions / réponses
  *[Questions & answers]*

*Language of the symposium: French*

*No simultaneous translation will be provided*
Mauro Panteghini, M.D., Postgraduate in Laboratory Medicine, is full Professor of Clinical Biochemistry and Clinical Molecular Biology at University of Milano Medical School.

His institutional positions are Director of the Chair of Clinical Biochemistry and Clinical Molecular Biology at the Medical School of the University of Milan, Italy; Director of the Department of Laboratory Medicine and Director of Clinical Pathology Unit of the “Luigi Sacco” University Hospital in Milan, Italy; Director of the Centre for Metrological Traceability in Laboratory Medicine (CIRME) of the University of Milan and Responsible of the Accredited Reference Laboratory (a JCTLM listed reference laboratory service).

Prof. Panteghini has served in a number of international and national scientific activities in the field of Laboratory Medicine. He is currently President of the European Federation of Clinical Chemistry and Laboratory Medicine (EFLM). He has published more than 460 manuscripts (h-index: 43) and more than 420 abstracts. He presented over 110 invited lectures during international and national congresses and over 170 presentations at meetings or workshops.
12:30-14:15  ROOM 241

CLINICAL CHEMISTRY WORKSHOP ON PUBLICATIONS ETHICS AND SCIENTIFIC WRITING

Publication ethics
N. Rifai (USA)
Guide to scientific writing
T. Annesley (USA)

12:30-14:15  ROOM 242

Balkan Clinical Laboratory Federation (BCLF)
STANDARDIZATION AND HARMONIZATION OF LABORATORY MEDICINE IN BALKAN REGION
Chair: N. Gligorovic-Barhanovic (Montenegro)

12:30  Reference intervals for routine biochemical analytes in healthy Turkish volunteers: A multicenter nationwide study in Turkey
Y. Ozarda (Turkey)

12:45  The role of the laboratory medicine specialist in the Serbian health service
S. Ignjatovic (Serbia)

13:00  Standardization and harmonization of Laboratory Medicine in Balkan region - Current situation in Romania
C. Grigore (Romania)

13:15  An overview of Albanian Laboratory Medicine service
A. Bulo Kasneci (Albania)

13:30  Present and future of laboratory diagnostics in Montenegro
N. Gligorovic-Barhanovic (Montenegro)

13:45  External Quality assessment of Medical-Biochemistry laboratories in Bosnia and Herzegovina
J. Coric (Bosnia and Herzegovina)

14:00  Clinical chemistry and laboratory medicine in Greece: Practice and professionals
D. Rizos (Greece)
PARALLEL SESSIONS

12:30-14:00 ROOM 251

Association Française des Ingénieurs Biomédicaux (AFIB)
LA FACTURATION AU COÛT PARAMÈTRE PRESCRIT RENDU (CPPR) POUR L’ACTIVITÉ DE BIOLOGIE
[MONITORING THE SERVICE EFFICIENCY AND BILLING PROCESS IN CLINICAL BIOLOGY]

Speakers: K. Bourdé-Vacher (France)
M. Bouillon (France)

Language of the symposium: French
No simultaneous translation will be provided

15:00-17:00 BLUE AMPHITHEATRE

European Federation of Clinical Chemistry and Laboratory Medicine (EFLM)
NEXT GENERATION PERFORMANCE CRITERIA FOR LABORATORY TESTS
Chair: S. Sandberg (Norway)

15:00 Is there a need for a new approach to analytical performance criteria?
S. Sandberg (Norway)
15:30 A critical appraisal checklist for judging quality of studies on biological variation
B. Bartlett (United Kingdom)
16:00 The role of medical needs assessment and clinical pathways in defining analytical and clinical performance criteria for tests
P. Monaghan (United Kingdom)
16:30 A pragmatic approach to establishing performance criteria
W. Oosterhuis (The Netherlands)
In order to encourage discussion, a number of posters have been selected for the Poster Walk Discussion. The author of selected posters is kindly requested to be by the poster panel from 13:30 to 14:30 to present the poster to the coordinator and the audience, within a time limit of max 3 min. The chair will guide the walk and the discussion. All delegates wishing to attend poster walks must be at the first poster panel (see poster panel code) at 13:30.

**Poster Area Level 1**
Chair: *R. Couderc (France)*

**T269**
The Comparative Cq Method Can Be Used in the Quantitative Assessment of Jak2 V617F Mutation by Allele-Specific Qpcr in Whole Blood: No Requirement for Standard Curves

**T270**
Clinical Evaluation of the Dendriscchiprd: A Symptom-Based Diagnostic for Respiratory Tract Infectious Diseases

**T271**
Placental Vegf and Egfr Under Epigenetic Regulation During Normal and Pathological Pregnancies

**T272**
Non Invasive Prenatal Fetal Blood Group Genotyping in the Monitoring of Allo-Immunized Pregnant Women: Experience of the French National Center for Perinatal Hemobiology (Cnrhp)

**T333**
Informative Markers in Chimerism Analysis for Turkish People Via Real-Time Quantitative Pcr

**T337**
The Value of Reticulocyte Hb (Mchr) by Cell-Dyn Saphire in the Assessment of Iron Deficient Erythropoiesis

**T339**
Andral Network: Open Access Solution for Best Cytological Expertise

**T341**
Haemoglobin Kalavasos - A Novel Alpha Chain Mutation of No Known Pathological Significance–Implications for Hba1c Analysis

**T360**
Increased Serum Gp88 (progranulin) Concentrations in Rheumatoid Arthritis

**T362**
Can Chitotriosidase Be an Important Biomarker in Diagnosing Sarcoidosis?
**Poster Area Level 2**
Chair: *E. Causse (France)*

**T055**
FIBROBLAST GROWTH FACTOR 21 IS NEGATIVELY CORRELATED WITH BONE MINERAL DENSITY IN SUBJECTS WITH TYPE 2 DIABETES

**T060**
ACHIEVING SI TRACEABILITY IN HBA1C MEASUREMENTS THROUGH PEPTIDE QUANTIFICATION

**T064**
INFLUENCE OF IRON DEFICIENCY ON HB A1C LEVELS IN DIABETIC PATIENTS

**T067**
GLYCOLYSIS INHIBITION AND RELIABLE PLASMA GLUCOSE RESULTS: IS THE CLINICAL IMPACT CAREFULLY CONSIDERED?

**T121**
THE VISFATIN LEVELS IN THYROID DYSFUNCTION

**T122**
TESTOSTERONE VALUES AND CARDIOMETABOLIC RISK IN MALES

**T123**
THE ROLE OF DETERMINING ALDOSTERONE, RENIN AND ALDOSTERONE/RENIN RATIO IN THE DIAGNOSIS OF PRIMARY ALDOSTERONISM

**T124**
HOW SHOULD CORTISOL ASSAYS BE UTILIZED WHEN EVALUATING THE CORTISOL STATUS OF A WOMAN USING CONTRACEPTION CONTAINING ESTROGEN? - REFERENCE INTERVALS FOR SERUM CBG, AND SERUM AND SALIVARY CORTISOL IN HEALTHY FEMALES USING ESTROGEN CONTRACEPTION

**T159**
PLASMA LEVEL OF MAGNESIUM, COPPER, SELENIUM AND ZINC IN 516 PATIENTS BEFORE AND AFTER BARIATRIC SURGERY: A NEED FOR SUPPLEMENATION

**T165**
HEMOLYSIS, LIPEMIA AND BILIRUBINEMIA: WHAT IMPACT ON VITAMINS A, E, K, B6, B9, B12, C, BETA-CAROTENE AND HOMOCYSTEINE CONCENTRATIONS?
**EDUCATIONAL WORKSHOPS**

**14:30-15:30 | ROOM MAILLOT**

Educational Workshop 15 in cooperation with Siemens

**DO POINT-OF-CARE TROPONIN ASSAYS FIT IN WITH THE CURRENT KNOWLEDGE BASE AND RECOMMENDATIONS FOR DETECTION OF ACUTE MYOCARDIAL INFARCTION (AMI)?**

Chair: A. Ortisi (Germany)

- Do Point-of-care Troponin assays fit in with the current knowledge base and recommendations for detection of Acute Myocardial Infarction (AMI)?
  
  *P. Collinson (United Kingdom)*

**14:30-15:30 | ROOM 252**

Educational Workshop 18 in cooperation with Roche

**HOW CARDIAC TROPONIN T- HIGH SENSITIVE EMPOWERS THE DIAGNOSIS OF ACUTE MYOCARDIAL INFARCTION**

Chair: G. Lefevre (France)

- Importance and evolution of Troponin in the guidelines for the diagnosis of Acute Myocardial Infarction
  
  *J. Ordóñez-Llanos (Spain)*

- 1 - hour algorithm for the diagnosis of Acute Myocardial Infarction using cardiac Troponin T-high sensitive: results from a prospective international multicenter trial
  
  *C. Mueller (Switzerland)*

- Do we need age and gender specific cut-offs for the diagnosis of acute myocardial infarction with cardiac Troponin T-high sensitive?
  
  *E. Giannitsis (Germany)*

**14:30-15:30 | ROOM 242**

Educational Workshop 21 in cooperation with A. Menarini Diagnostics

**NOVEL DIAGNOSTIC TOOLS FOR THE DIAGNOSIS OF AUTOIMMUNE LIVER DISEASES**

Chair: X. Bossuyt (Belgium)

- Introduction to autoimmune liver disease testing
  
  *X. Bossuyt (Belgium)*

- Role of autoantibodies in primary biliary cirrhosis
  
  *P. Invernizzi (Italy)*

- Diagnostic and prognostic significance of autoantibodies in autoimmune hepatitis
  
  *L. Muratori (Italy)*
EDUCATIONAL WORKSHOPS

**14:30-15:30 | ROOM 241**
Educational Workshop 24 in cooperation with Mindray

**THREE-DIMENSIONAL CYTOLOGICAL ANALYSIS: A NEW OPPORTUNITY ON THE DIAGNOSTIC HEMATOLOGICAL LABORATORY AND FOR THE BODY FLUIDS STUDY**
Chair: A. La Gioia (Italy)

- Cytographic 3D profiles. A new help for the microscopic review
  A. La Gioia (Italy)
- Automated analysis of body fluids: beyond counting
  S. Buoro (Italy)

**15:45-16:45 | ROOM MAILLOT**
Educational Workshop 16 in cooperation with Abbott

**TRANSFORMING INFECTIOUS DISEASE DIAGNOSTICS BY GLOBAL SURVEILLANCE AND NOVEL TECHNOLOGY**
Chair: A. Vockel (Germany)

- Keeping pace with viral evolution
  J. Hackett (USA)
- Transforming microbial diagnostics with broad and rapid pathogen identification by PCR/ESI-MS
  V. Sambri (Italy)
- Transforming the management of critically ill patients by rapid identification of microbial pathogens
  M. Wilks (United Kingdom)

**15:45-16:45 | ROOM 252**
Educational Workshop 19 in cooperation with Roche

**WHAT’S NEW IN HEPATITIS DISEASE MANAGEMENT AND THE ROLE OF DIAGNOSTICS**
Chair: H. Dalton (United Kingdom)

- Development in the treatment of HBV and diagnostic tools to empower you to treat with confidence
  M. R. Brunetto (Italy)
- Latest innovations in the treatment of HCV – how does this impact diagnosis and monitoring?
  C. Hézode (France)
- HEV- emerging pathogens fighting for attention
  H. Dalton (United Kingdom)
EDUCATIONAL WORKSHOPS

15:45-16:45 | ROOM 242
Educational Workshop 22 in cooperation with Sysmex

IMMATURE AND REACTIVE GRANULOCYTES, HAEMOGLOBIN INTERFERENCES, AGED SAMPLE – GETTING THE RELEVANT INFORMATION FOR CHALLENGING SAMPLES

- Managing samples with implausibly high MCHC values by using RBC and HGB values obtained by fluorescence flow cytometry
  B.-H. Yael (France)
- Implementing advanced parameters for improved management of the immature granulocyte (IG) parameter
  E. Cornet (France)
- Differentiation between pathological and non-pathological ageing samples in private laboratories
  A. Eide (Norway)

15:45-16:45 | ROOM 241
Educational Workshop 25 in cooperation with DiaSorin

TESTING 1,25 VIT. D: EFFICIENCY, AUTOMATION, CLINICAL NEED
Chair: E. Cavalier (Belgium)

- Measurement of 1,25-dihydroxyvitamin D and the ratio to PTH(1-84) strongly predict cardiovascular death in heart failure patients
  D. Gruson (Belgium)
- Measurement of calcitriol (1,25 di-hydroxyvitamin D) with a new direct automated assay: reference values and concentrations in patients
  J.C. Souberbielle (France)

17:00-18:00 | ROOM MAILLOT
Educational Workshop 17 in cooperation with The Binding Site

FREE LIGHT CHAIN TESTING – THE NEXT 15 YEARS
Chair: G. Merlini (Italy)

- Recent advances in the utility of Free Light Chain testing
  G. Merlini (Italy)
- Tools to monitor light chain multiple myeloma; an Intergroupe Franco-phone du Myélome 2009 experience
  J. Corre (France)
EDUCATIONAL WORKSHOPS

17:00-18:00 | ROOM 252
Educational Workshop 20 in cooperation with Roche France

NEW DEVELOPMENTS IN CIRCULATING TUMOR BIOMARKERS
Chair: P.-J. Lamy (France)

• Role of biomarkers (HE4, CA125, ...) in the clinical management of ovarian cancer
  E. Braicu, (Germany)
• Clinical utility of serum tumor biomarkers in postoperative surveillance and monitoring therapy
  J. Duffy (Ireland)
• Liquid biopsy: Potential use of circulating tumor cells and circulating tumor DNA as Noninvasive Tumor Tracker
  P.-J. Lamy (France)

17:00-18:00 | ROOM 242
Educational Workshop 23 in cooperation with DiaSorin

HOW EFFICIENT AND AUTOMATED CAN BE SEROLOGY AND STOOL TESTING?
Chair: V. Sambri (Italy)

• Quality and Innovation, key factors for laboratory evolution
  P. Huynen (Belgium)
• Efficiency improvement in stool testing: an automation approach
  B. Burde (Germany)

17:00-18:00 | ROOM 241
Educational Workshop 26 in cooperation with Becton Dickinson

NEED TO IMPROVE TAT? MAXIMIZING THE BENEFITS OF PLASMA FOR CHEMISTRY TESTING
Chair: N. Blanckaert (Belgium)

• Advantages & Impact of Plasma for Clinical Chemistry Testing
  A.-M. Simundic (Croatia)
• How Can Technological Advances Overcome Plasma Limitations
  V. Palicka (Czech Republic)
INNOVATION IN MEDICAL PATHOLOGY: ADVANTAGES AND LIMITS OF THE NEXT GENERATION SEQUENCING (NGS)

Chair: B. Arveiller (France)

• Next-Generation Sequencing integration in routine genetic laboratory
  S. El Mouatassim (France)
• Using NGS technologies in non-invasive prenatal screening
  L. Druart (France)
GLOMERULAR FILTRATION RATE - LINKING CLINICAL CHEMISTRY AND NEPHROLOGY
Chairs: M. Kaplan (Israel), P. Wallemacq (Belgium)

9:00 One size does not fit all – picking the right GFR equation for specific populations
E. Schaeffner (Germany)
9:30 Guidelines about CKD classification: a provocative point of view
P. Delanaye (Belgium)
10:00 Comparison of low molecular mass proteins and creatinine as markers for GFR
A. Grubb (Sweden)
10:30 Lean mass and age are strong determinants of glomerular filtration rate in healthy men
J. Chew-Harris (New Zealand)
10:45 Homocitrulline: new biomarker of acute renal failure?
A. Desmons (France)

AUTOIMMUNE DISEASES
Chairs: E. Homsal (Slovenia), J. Sheldon (United Kingdom)

9:00 Antinuclear antibody testing
L. Andrade (Brazil)
9:30 Genetics and autoantibodies
Y. Shoenfeld (Israel)
10:00 The autoimmune basis of endocrine diseases
J. Sheldon (United Kingdom)
10:30 Screening for the identification of autoimmune or lymphoproliferative onset in patients naïve to HCV antiviral treatment
U. Basile (Italy)
10:45 Monoclonal antibody therapeutics as potential interferences on protein electrophoresis and immunofixation
M.A. Willrich (USA)
9:00-11:00  ROOM 252

QUALITY IN LABORATORY MANAGEMENT IN EUROPE: IMPACT OF FUTURE TRENDS ON LABS DAILY ROUTINE
Chairs: B. Gouget (France), J.T. Guimarães (Portugal), I. Caballe Martin (Spain)

9:00  Mandatory accreditation of Medical labs in France: Benchmark for the EU countries?
M. Vaubourdolle (France)

9:30  European Network for Accreditation of medical labs: update on the EFLM survey
G. Boursier (France), H. Mehay (France)

10:00  Changes in Health care delivery: impact on the organisation of medical laboratories in Europe
M. Klouche (Germany)

10:30  Quality in Laboratory Management in India - Challenges with volumes, cost and operation excellence
E. Frank (India)

10:45  Monitoring Quality in the Pre- and Post-Analytical Phases: a new UK NEQAS service
D. Bullok (United Kingdom)

9:00-11:00  ROOM 251

SYSTEMS PHARMACOGENOMICS
Chairs: G. Siest (France), S. Stankovic (Serbia)

9:00  VEGF, a potential biomarker for systems medicine
S. Visivikis-Siest (France)

9:30  DNA data for pharmacogenetics
R. Van Schaik (The Netherlands)

10:00  Transcriptomic data
P. Deloukas (United Kingdom)

10:30  Cell models in pharmacogenomic research
J. Marc (Slovenia)
**International Federation of Clinical Chemistry and Laboratory Medicine (IFCC)**

**VALUE AND IMPACT OF LABORATORY MEDICINE IN PATIENT CARE: WHAT IS THE EVIDENCE?**

Chair: K. Adeli (Canada)

9:00  Critical review of the evidence supporting the value of laboratory medicine in clinical care  
M. Hallworth (United Kingdom)

9:30  Demonstrating the value of laboratory tests: a clinical and economic perspective  
B. Jordan (Switzerland)

10:00 IFCC Initiatives to Promote the Field of Laboratory Medicine and the IFCC Organisation  
E. Delvin (Canada)

10:30 Getting the Message Out Worldwide – The Labs are Vital Campaign  
E. Jacobs (USA)
9:30-12:00

ROOM 242

General Assembly of Syndicat des Biologistes

DIFFÉRENTS MODÈLES DE BIOLOGIE EN EUROPE

[MODELS OF PRACTICE OF MEDICAL BIOLOGY/LABORATORY MEDICINE THROUGHOUT EUROPE]

Chairs: F. Blanchecotte, H.-P. Doermann, J.-P. Molgatini (France)

Présentation des secteurs d’activité hospitalier et libéral pour chaque pays représenté

[Presentation of the public and private sectors will be made for each country]

9:30 Introduction : Pourquoi un panorama européen ?

[Introduction: A European panorama: why?]

F. Blanchecotte, H.-P. Doermann (France)

9:40 Historique et causes de la diversité des modèles

[Restrospective and causes of the models diversity]

J.-P. Molgatini (France)

9:50 Généralités et évolutions réglementaires dans l'UE

[General overview and regulatory changes in the EU]

S. Zérah (France)

Présentation des avantages, inconvénients et perspectives de chaque modèle

[Presentation of the assets, the weaknesses and insights of each model]

10:00 La Belgique, un pays précurseur

[Belgium, a precursor country]

F. Vandenplas (Belgium)

10.20 La Roumanie, un pays d’avenir

[Romania, a positive outlook]

C. Grigore (Romania)

10.40 L'Italie, un pays en difficulté

[Italy, a country facing difficulties]

C. Marino (Italy)

11.00 Le Portugal, un pays en pleine mutation

[Portugal, a country undergoing changes]

J.N. Oliveira, H. Reguengo (Portugal)

11.20 L’Allemagne, un pays référent

[Germany, a referent country]

M. Klouche (Germany)

11:40 Conclusion des interventions : questions et réponses

[Conclusion and questions & answers]

F. Blanchecotte, H.-P. Doermann, J.-P. Molgatini (France)

Language of the symposium: French

No simultaneous translation will be provided - Presence of an interpreter (French/English)
Didier Raoult, born 13.03.1952 in Dakar, Senegal, was trained in Medicine in Marseille, France (1972-78), were he specialised in internal medicine (1984) then in Infectious Diseases and Tropical Medicine (1985). Because the laboratory diagnostic became a major goal for him, he followed courses in microbiology and received a national diploma in Bacteriology, Virology (1981) and Parasitology (1982) and followed a course in Bacteriology at the Pasteur Institute in Paris, France (1984). He was trained in epidemiology by a continuous education program at the CDC, Atlanta, USA in Principles of Epidemiology (1983) and Infectious Diseases Control (1984). He obtained in parallel a PhD in Microbiology in Montpellier, France (1985). He became Assistant Professor at Marseille School of Medicine in 1984, associate Professor in 1986 and full Professor in 1989. He is currently heading a clinical microbiology laboratory for 2,500 beds of University Hospitals, he is a consultant of infectious diseases for 2 half days/week. As for administrative responsibilities, he was the President of the Scientific Committee of Marseille School of Medicine and University Hospital (1989-1994), then he became the President of the "Université de la Méditerranée" in Marseille (Medicine, Science, Pharmacy, Economics, Sports, 20,000 students) (1994-1999). As for scientific responsibilities, he is member of the ASM, IDSA, ESCMID. He created the European Study Group of Rickettsia, Ehrlichia, Coxiella (EUWOG) in 1989 of which he is the President since 1999. He is member of the editorial board of Eur. J. Clin. Microbiol. Infect. Dis., J. Clin. Microbiol and Emer. Infect. Dis.. He created in 1983 a research unit, “l’Unité des Rickettsies” which became National Reference Center in 1987, WHO Collaborative Center in 1988 and associated to CNRS (National Research Agency) in 1994. The laboratory is the largest in the world in the field of Rickettsial diseases and 72 persons are working in it. Currently, this laboratory receives 10,000 samples per year from many countries, for the diagnostic of Rickettsial diseases, tick bite infection, blood culture negative endocarditis and and unidentified infections.
PARALLEL SESSIONS

12:30-14:15  ROOM 252

The Joint Committee for Traceability in Laboratory Medicine (JCTLM)
METROLOGY AND STANDARDISATION IN LABORATORY DIAGNOSTICS
Chair: M. M. Müller (Austria)

12:30  JCTLM database, reference materials, methods, measurement services for IVD industry
R. Wielgosz (France)

12:45  Traceability in EQUA schemes
L. Siekmann (Germany)

13:00  Ring trials for reference laboratories
A. Kessler (Germany)

13:15  IFCC Standardisation of enzyme measurements
G. Schumann (Germany)

13:30  The IFCC Reference system for HbA₁c and its clinical impact
C. Weykamp (The Netherlands)

13:45  Challenges in the standardisation of nucleic acid based clinical measurements
H. Parkes (United Kingdom)

14:00  Discussion

12:30-14:15  ROOM 242

IFCC TF-PHARMACOGENETICS SESSION
Chair: R.H.N. van Schaik (The Netherlands)

12:30  Welcome: Purpose and activities of the IFCC Task Force Pharmacogenetics
R. van Schaik (The Netherlands)

12:35  Recent developments in Pharmacogenetics and Pharmacogenomics
M. Pirmohamed (United Kingdom)

13:05  Clinical Implementation of Pharmacogenetics: CPIC guidelines
M. Relling (USA)

13:35  Reporting tools and interpretive services to facilitate pharmacogenetic test utilization
M. Linder (USA)

14:00  HORIZON2020: The European Pharmacogenetic Implementation Consortium: The IFCC/ESPT Laboratory Network
R. van Schaik (The Netherlands)
12:30-14:00

**PARALLEL SESSIONS**

**ROOM 251**

**Association Française des Techniciens de Laboratoire Médical (AFTLM)**  
**TECHNICIENS DE LABORATOIRE MÉDICAL: REGARDS CROISÉS SUR DE NOUVELLES COMPÉTENCES**  
[MEDICAL LAB TECHNICIENS: CROSSED VIEWS ON THE NEW SKILLS AND EXPERTISE]

Chairs: **P. Ducellier, M. Sisnaki (France)**

Speakers:  
- **L. Moumi (France)**  
- **A. Proust (France)**  
- **B. Copin (France)**

*Language of the symposium: French  
No simultaneous translation will be provided*

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12:30-14:30

**ROOM MAILLOT**

**Fédération Internationale Francophone de Biologie Clinique et de Médecine de Laboratoire (FIFBCML)**

Chair: **M. A. Zablith (Lebanon)**

12:30  
L’Organisation internationale de la Francophonie (OIF) : un plaidoyer et des actions  
[Organisation internationale de la Francophonie (OIF): strong advocacy goals and actions]

**I. Tor Faus (France)**

13:00  
Guerres, exodes et maladies émergentes  
[War, exodus and emerging diseases]

**M. Germanos Haddad (Lebanon)**

13:30  
La maladie à virus Ebola : implications en santé publique  
[Ebola virus disease]

**M. Seffar (Morocco)**

14:00  
La coordination des vigilances et la gestion des risques dans un laboratoire de biologie médicale  
[The coordination of vigilance and risks control in medical laboratory]

**I. Khay (Morocco)**

*Language of the symposium: French  
No simultaneous translation will be provided*
In order to encourage discussion, a number of posters have been selected for the Poster Walk Discussion. The author of selected posters is kindly requested to be by the poster panel from 13:30 to 14:30 to present the poster to the coordinator and the audience, within a time limit of max 3 min. The chair will guide the walk and the discussion. All delegates wishing to attend poster walks must be at the first poster panel (see poster panel code) at 13:30.

**Poster Area Level 1**

Chair: C. Augereau (France)

- **W316** Intracellular trafficking and protein expression of Mycobacterium tuberculosis within human type II alveolar epithelial cells
- **W317** Fast carbapenemase detection by the Rapidec® Carba NP test
- **W318** A novel host-protein signature outperforms standard laboratory parameters in differential diagnosis of acute infection etiology
- **W319** Usefulness of the point-of care test Pathfast presepsin for sepsis in the emergency department
- **W320** Circulating plasmablasts of chronic HIV-infected individuals produce antibodies crossreactive with NMDAR and contribute to hand and HAD
- **W364** Association between adiponectin 45T/G, 5522C/T and 276G/T polymorphisms, leptin G2548A polymorphisms and obesity risk a Tunisian community based study
- **W365** Clinical and analytical effect of weight loss in a population of metabolically healthy obese women
- **W366** Increased levels and prevalence of small dense LDL particles and insulin resistance in overweight, obese and abdominally obese children and adolescents
- **W367** ELF test in the assessment of non alcoholic fatty liver disease
- **W368** Absence of interleukin-33 in mice drives prevalence of pro-inflammatory macrophages in adipose tissue and obesity development.

Wednesday, 24 June
POSTER WALK DISCUSSION

Poster Area Level 2
Chair: P. Chatron (France)

W057
NEPHROTIC SYNDROME AND ANTI-PHOSPHOLIPASE A2 RECEPTOR ANTIBODIES

W061
ASSOCIATION BETWEEN INFLAMMATORY MARKERS AND SUBCLINICAL TARGET ORGAN DAMAGE IN MALE PATIENTS WITH ESSENTIAL HYPERTENSION

W062
COMPARISON OF THE BCG, BCP AND NEPHELOMETRY METHODS USED FOR THE ALBUMIN TESTING FOR THE DIALYSIS PATIENTS

W064
LEAN MASS AND AGE ARE STRONG DETERMINANTS OF GLOMERULAR FILTRATION RATE IN HEALTHY MEN

W099
LABORATORY INFORMATION SYSTEMS AS A KEY DRIVER IN ESTABLISHING QUALITY MANAGEMENT SYSTEMS LEADING TO ISO ACCREDITATION: EXPERIENCES FROM AN AFRICAN LABORATORY

W100
ANALYSIS OF LABORATORY PRE – ANALYTICAL TESTS REJECTIONS AT A TERTIARY HOSPITAL

W101
EVALUATION BUDGET FOR THE MEASUREMENT UNCERTAINTY OF ALANIN AMINOTRANSFERASE IN SERUM

W103
INTEGRATION OF THE LABORATORY QUALITY MANAGEMENT SYSTEM INTO THE HOSPITAL QUALITY MANAGEMENT SYSTEM

W124
PATIENT EMPOWERMENT IN LABORATORY TESTING: OPINIONS AND EXPERIENCES OF PATIENTS AND GENERAL PRACTITIONERS

W126
ARE PATIENTS WELL INFORMED ABOUT THE INFLUENCE OF OTC DRUGS, FOOD SUPPLEMENTS AND PREANALYTICAL FACTORS ON LABORATORY TESTS RESULTS?
14:30-17:00

Syndicat des Biologistes (SDB)
PRESTATION DE CONSEIL
[COUNSELLING EXPERTISE]
Chair: F. Blanchecotte, H.-P. Doermann (France)

14:30 Aspect réglementaire et normatif de la prestation de conseil
[Regulatory and normative aspect of the counselling expertise of the Laboratory Specialist]
J.-F. Rey (France)

14:45 Approche processus de la prestation de conseil
[The process approach of the counselling service]
J.-P. Bouilloux (France)

15:15 Développement de la prestation de conseil au laboratoire
[Development of the counselling expertise and service within the laboratory]
J.-P. Bouilloux (France)

15:45 La prestation de conseil en microbiologie
[The counselling service in microbiology]
F. Grobost (France)

16:15 La prestation de conseil en hématologie - hémostase
[The counselling service in haematology and haemostasis]
J.-F. Rey (France)

16:45 La prestation de conseil en biochimie et immuno-chimie
[The counselling service in immunochemistry]
A. Millaret (France)

Language of the symposium: French
No simultaneous translation will be provided
European Federation of Clinical Chemistry and Laboratory Medicine (EFLM)
GUIDELINES – A CALL FOR COOPERATION BETWEEN LABORATORY AND
CLINICAL SOCIETIES
Chair: W. Oosterhuis (The Netherlands)

15:00 How well do we adhere to clinical guidelines?
   J. Barth (United Kingdom)

15:30 Acceptance of clinical guidelines on the use of cardiac markers of acute coronary syndrome and heart failure - has the situation improved since 2006 in Europe?
   P. Collinson (United Kingdom)

16:00 Guidelines to the management of pre-analytical errors
   K. Grankvist (Sweden)

16:30 Cooperation between EFLM and the European Atherosclerosis Society in issuing guidelines
   M. Langlois (Belgium)
EDUCATIONAL WORKSHOPS

14:30-15:30 | ROOM MAILLOT
Educational Workshop 28 in cooperation with Randox

SECRETED PHOSPHOLIPASES A2 AND CARDIOVASCULAR RISK
Chair: M. M. Corsi Romanelli (Italy)

- Speaker: E. Valentin (France)

14:30-15:30 | ROOM 252
Educational Workshop 31 in cooperation with Thermofisher

INTERACTIONS BETWEEN FORENSIC MEDICINE AND MEDICAL LABORATORY DIAGNOSIS
Chair: C. Thompson (USA)

- Speaker: M. Boettcher (Germany)

14:30-15:30 | ROOM 242
Educational Workshop 34 in cooperation with Tosoh

STATE OF THE ART NUCLEIC ACID AMPLIFICATION TEST: THE BENEFIT OF RNA DETECTION
Chair: M. Ferrari (Italy)

- Advantages of nucleic acid amplification test in clinical diagnosis
  M. Ferrari (Italy)
- Diagnosis of sexually transmitted diseases
  B. Berçot (France)
EDUCATIONAL WORKSHOPS

14:30-15:30 | ROOM 241
Educational Workshop 37 in cooperation with Bio-Rad

NEW TRENDS IN THE ROLE OF HBA1C IN THE DIAGNOSIS AND MANAGEMENT OF DIABETES MELLITUS
Chair: E. Kilpatrick (United Kingdom)

- Experience in the validation of new HPLC-based methods for HbA_1c assay
  S. Jaisson (France)
- Achievement of analytical and post-analytical goals: an innovative experience
  A. Mosca (Italy)
- Discussion

15:45-16:45 | ROOM MAILLOT
Educational Workshop 29 in cooperation with Fujirebio

INNOVATIVE SOLUTIONS FOR ROUTINE VITAMIN D, ONCOLOGY AND ALZHEIMER’S LABORATORY TESTING
Chair: M. Plebani (Italy)

- Introduction
  M. Plebani (Italy)
- A novel 25OH Vitamin D assay
  E. Cavalier (Belgium)
- The analytical evolution of Alzheimer’s disease cerebrospinal fluid biomarkers
  K. Blennow (Sweden)
- Customer external control survey for oncology markers
  T. Ninomiya (Japan)

15:45-16:45 | ROOM 252
Educational Workshop 32 in cooperation with Roche

LEARNINGS FOR IN VITRO FERTILIZATION (IVF) BUSINESS - EMPOWERING YOU
Chair: E. Anckaert (Belgium)

- In Vitro Fertilization (IVF) as a business
  E. Bosch (Spain)
- Providing a service for physicians - A perspective from the laboratory
  D. Gruson (Belgium)
- A clinical view In Vitro Fertilization (IVF) service
  S. Nelson (United Kingdom)
15:45-16:45 | ROOM 242
Educational Workshop 35 in cooperation with Ortho Clinical Diagnostics

ACUTE KIDNEY INJURY IN YOUR HOSPITAL: THE ROLE OF THE LABORATORY IN DETERMINING RISK
Chair: C. Ronco (Italy)

• The prevalence and cost of acute kidney injury
  L. Forni (United Kingdom)
• Pathogenesis of acute kidney injury & Markers of Cellular Injury
  M. Kimmel (Germany)
• A Case for the laboratory’s role for risk assessment of acute kidney injury
  J-P. Cristol (France)
• Panel discussion & participant questions

15:45-16:45 | ROOM 241
Educational Workshop 38 in cooperation with Sciex

REDUCING ERRORS AND INCREASING QUALITY USING MASS SPECTROMETRY
Chairs: D. Ricketts (United Kingdom), L. Truslove (United Kingdom)

• The use of Mass spectrometry in Laboratory medicine at Labor Berlin
  T. Binscheck-Domaß (Germany)
• The experience of IRCCS Ca’ Granda Ospedale Maggiore Policlinico of Milan
  in clinical analysis with Medical Device LC-MS/MS
  R. Mercadante, E. Polledri (Italy)
THE NEW ORAL ANTICOAGULANTS: A CHALLENGE FOR THE LABORATORY
Chairs: S. Christou (Cyprus), A. Griesmacher (Austria)

9:00 Why are the new oral anticoagulants a challenge for the Laboratory Medicine?
A. Haushofer (Austria)

9:30 When are the novel oral anticoagulants a better choice for my patients?
A.C. Martin (France)

10:00 Laboratory testing for patients taking new oral anticoagulants
A. Tripodi (Italy)

10:30 Endogenous thrombin potential in 3rd and 4th generation oral contraceptive users
G. Mitic (Serbia)

RARE DISEASES - A CALL FOR EUROPEAN COOPERATION
Chairs: S. Sandberg (Norway), Z. Sumarac (Serbia)

9:00 European collaboration on rare metabolic diseases with emphasis on evidence based recommendations
J. Häberle (Switzerland)

9:30 The importance of external quality assessment schemes for the total testing process in rare metabolic diseases
A.K. Aarsand (Norway)

10:00 Importance of European networks in haemophilia and related constitutional bleeding disorders
R. d’Oiron (France)

10:30 A case of Kearn-Sayre syndrome with severe cerebral folate deficiency
M. Spodenkiewicz (France)

10:45 Quantitative analysis of plasma cholestane-3beta,5alpha,6beta-Triol and 7-Ketocholesterol by mass spectrometry–liquid chromatography for the diagnosis of Niemann-Pic type C
F. Lamari (France)
BIOMARKERS – KEY TO PERSONALIZED MEDICINE
Chairs: M. Oellerich (Germany), D. Vitkus (Lithuania)

9:00 Biomarkers as a means to improve outcome in transplantation
M. Oellerich (Germany)
9:30 The clinical utility of miRNAs in diagnosis and prognosis
G.J. Tsongalis (USA)
10:00 Genomic and epigenomic profiling of cancer using plasma DNA
D. Lo (Hong Kong)
10:30 Serum levels of CILP-2 and COMP reflect differently radiographic
severity of knee osteoarthritis in middle-aged subjects
A. Tamm (Sweden)
10:45 Cripto -1: A novel tumor marker for oral squamous cell carcinoma (OSCC)
A. Pal (India)

BIOLOGY OF ADDICTION
Chairs: N. Gligorovic Barhanovic (Montenegro), A. Helander (Sweden)

9:00 Epidemiological applications of alcohol biomarkers in heavy drinking
populations
D. Leon (United Kingdom)
9:30 The European response to new psychoactive substances
A. Cunningham (Portugal)
10:00 Challenges in laboratory testing for alcohol and new psychoactive
substances
A. Helander (Sweden)
10:30 Mercury(I) Chloride in vivo oxidation: the cause of the death of
Napoleon?
A. Mousavi (USA)
10:45 Evaluation of ELF index as non-invasive marker of liver fibrosis in patients
with alcohol liver disease in the community
J.A. Noguera-Velasco (Spain)
HARMONISATION OF CLINICAL LABORATORY PRACTICES: A NEED FOR REFERENCE INTERVALS UTILIZATION
Chairs: A. Bulo (Albania), J. Henny (France)

9:00 Transference of reference Intervals: challenges and limits. The Canadian experience
K. Adeli (Canada)
9:30 Clinical interpretation of Reference Limits
N. Baumann (USA)
10:00 Harmonisation of laboratory practices and Reference Intervals: the point of view of manufacturers
C. Berding (Germany)
10:30 The first multicentric study on reference values of hematological parameters in the adult population in Turkey
Y. Ozarda (Turkey)
10:45 Troponin has no "Upper Limit of Normal"
D.R. Boswell (New Zealand)
Marc Delpech, MD, PhD, 61 years old, professor of Biochemistry and Molecular Biology, Paris Descartes Medical School (Paris Descartes University), associated professor of the Medical school of the Jiao Tong University of Shanghai, head of the Paris Descartes – Paris Diderot Universities PhD school: “Genetics, Cell, Immunology, Infectiology and Development, Gc2iD”. He is the head of the Cochin hospital Biochemistry and Molecular Genetics laboratory, a laboratory devoted to prenatal diagnosis and genetic counselling of rare hereditary diseases. He is the head of the department “Biology, Pharmacy, Pathology” of Cochin hospital. His main research topics are molecular Genetics of rare hereditary diseases and more specifically auto-inflammatory syndromes and amyloidosis. He is a member of several Scientific Committees (French Association “Deafest cystic fibrosis”, French Biomedicine Agency,...). He is a member of the French National Academy of Medicine.
12:30-13:00

CLOSING CEREMONY

Bernard Gouget, Chair COC, co-President EuroMedLab Paris 2015

Round table and closing remarks with:
Philippe Gillery, Chair SPC, co-President EuroMedLab Paris 2015
Maurizio Ferrari, IFCC President
Mauro Panteghini, EFLM President
François Blanchecotte, SDB President
Joelle Goudable, SFBC President, co-President EuroMedLab Paris 2015

Special thanks
Bernard Gouget, Chair COC

Welcome to Athens 2017
Alexander Haliassos, President EuroMedLab Athens 2017

Farewell party in Greek style
Outside the Blue Amphitheatre